

Title (en)

A HEMISPERICAL REAMER HAVING CIRCULAR CUTTING MEMBERS AND METHODS OF MAKING THE SAME

Title (de)

HALBKUGELFÖRMIGE REIBAHLE MIT KREISFÖRMIGEN SCHNEIDELEMENTEN UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

ALÉSOIR HÉMISPHÉRIQUE PRÉSENTANT DES ÉLÉMENTS DE COUPE CIRCULAIRES ET PROCÉDÉS POUR SA FABRICATION

Publication

**EP 3442434 A1 20190220 (EN)**

Application

**EP 17891836 A 20170123**

Priority

- US 201762446461 P 20170115
- US 201762448117 P 20170119
- US 201715412028 A 20170122
- US 201662286413 P 20160124
- US 201662310519 P 20160318
- US 2017014635 W 20170123

Abstract (en)

[origin: WO2018132115A1] A spherical reamer comprises a cutting element having a support member and at least one circumference cutting member built on it. The cutting member can be characterized by edge configuration, geometric parameters or further by positional parameters, respectively. All variations of the parameters above lead various types of the cutting elements and methods of including self-assembling and/or "One Size Cutting Element for Assembling Several Size of Reamers" in order to assembling either reusable or disposable reamer.

IPC 8 full level

**A61B 17/00** (2006.01); **A61B 17/16** (2006.01); **A61B 17/32** (2006.01); **A61B 17/56** (2006.01); **A61F 2/34** (2006.01); **A61F 2/46** (2006.01)

CPC (source: EP US)

**A61B 17/1617** (2013.01 - EP US); **A61B 17/1666** (2013.01 - EP US); **A61B 17/32** (2013.01 - EP US); **A61F 2/34** (2013.01 - EP US);  
**A61F 2/46** (2013.01 - EP US); **A61B 2017/00526** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018132115 A1 20180719**; CN 108882924 A 20181123; CN 108882924 B 20210427; EP 3442434 A1 20190220; EP 3442434 A4 20200930;  
US 10499931 B2 20191210; US 2017209156 A1 20170727

DOCDB simple family (application)

**US 2017014635 W 20170123**; CN 201780014031 A 20170123; EP 17891836 A 20170123; US 201715412028 A 20170122